



Figure 7:
NE 3rd–4th Conceptual Layout Plan
(13 sheets)



City of Renton

Planning/Building/Public Works

Transportation Systems Division

Consultant Team:

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Triangle Associates, Inc. – Public Outreach

May 2005

5.7 Conceptual Layout Plan

The NE 3rd-4th Corridor Improvements Conceptual Layout Plan (comprised of 13 sheets) is provided in this section. A complete list of the improvement elements shown on each sheet is provided on its facing page.

This Conceptual Layout Plan is a graphical presentation of location specific improvements. Certain improvements shown are representative with design details anticipated to be developed at the project design level. For example, turn pockets and taper lengths are representative and will be analyzed and sized at the project design level.

Landscaped areas and street trees are shown diagrammatically. Spacing and site specific location of street trees, such as with regards to street lighting, will be resolved at the project design level in coordination with other city departments. Two different trees are shown in this Conceptual Layout Plan, only to reflect that different street trees may be chosen for different areas and there will be more than just one type of tree for the corridor. Due to overhead power lines, planter strips, and adjacent travel lanes, street trees are anticipated to be small to medium sized growing.

PROJECT SEGMENT

PROJECT ELEMENTS

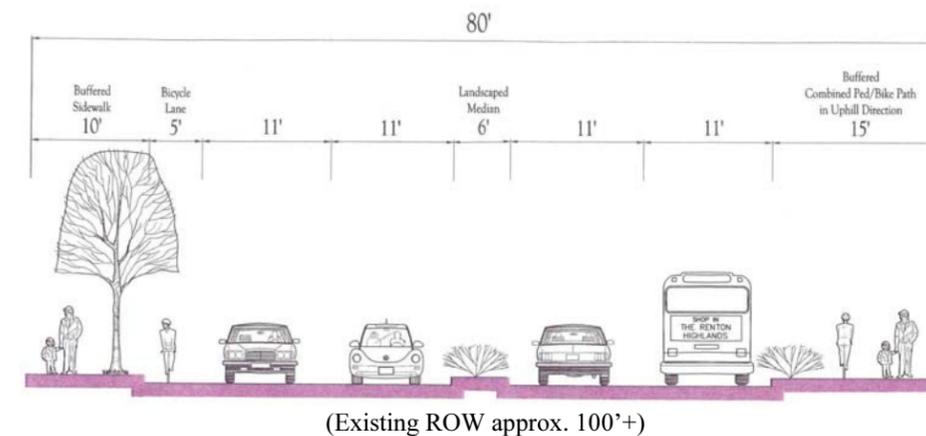
NE 3rd St
Sunset-Edmonds

NE 3rd St roadway:

- 2-11' lanes EB (uphill)
- 2-11' lanes + 5' bike lane WB (downhill)
- 6' raised landscaped median
- 10' sidewalk north (downhill) side
- 15' combined sidewalk/bike lane south (uphill) side
- emergency "break-down" pullout EB (uphill) and emergency access break east of Monterey-Bronson

Monterey-Bronson intersection:

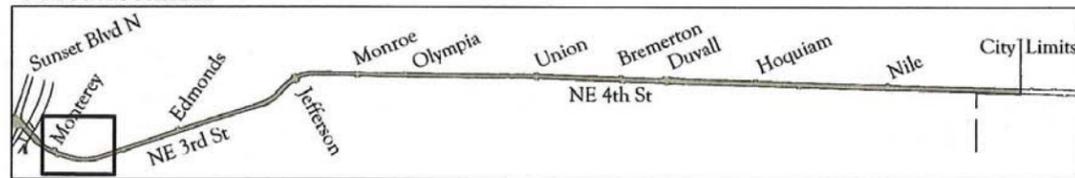
- median break
- left turn lanes with outside c-curb





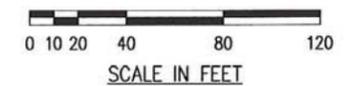
MATCH LINE SHEET 2

Sheet Location



Symbol Key

	Street tree		Existing traffic signal
	Planter strip / Landscape median		Proposed traffic signal
	Sidewalk		Traffic arrow
	Emergency vehicle median break		Bus lane symbol



PROJECT SEGMENT

PROJECT ELEMENTS

NE 3rd St
Sunset-Edmonds

NE 3rd St roadway:

- 2- 11' lanes EB (uphill)
- 2- 11' lanes + 5' bike lane WB (downhill)
- 6' raised landscaped median
- 10' sidewalk north (downhill) side
- 15' sidewalk/bike lane south (uphill) side
- median break for EB to emergency access on north side; no turn lane

Monterey-Bronson intersection:

- median break
- left turn lanes with outside c-curb

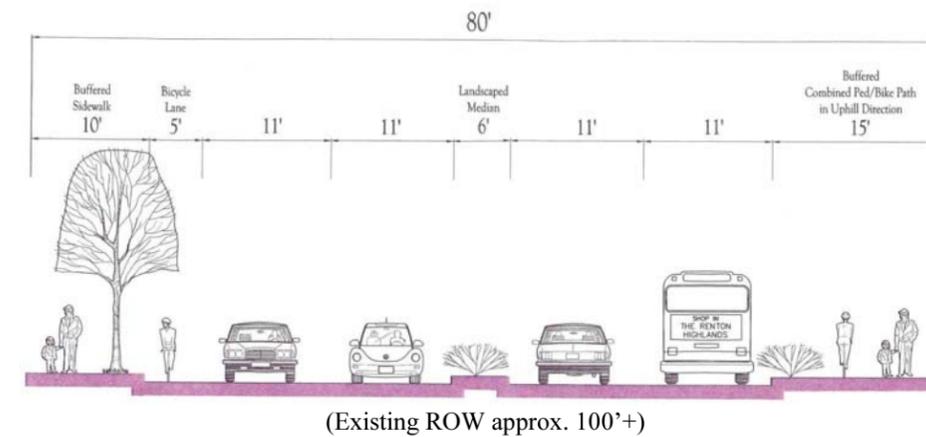
new public street connection:

- between Blaine and Edmonds south of 3rd

NE 3rd/Edmonds
Intersection

Intersection:

- median break
- left turn lanes with outside c-curb
- eastbound right turn lane
- emergency crossover median break for WB east (upstream) of Edmonds

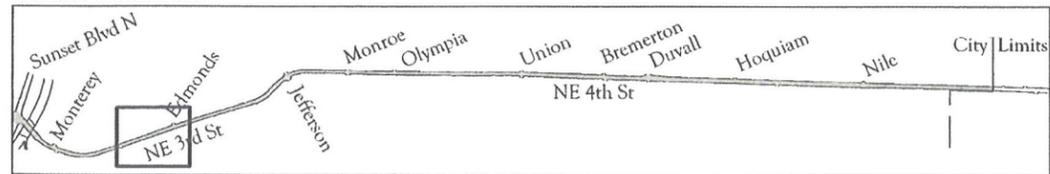




MATCH LINE SHEET 1

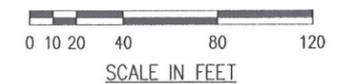
MATCH LINE SHEET 3

Sheet Location



Symbol Key

	Street tree		Existing traffic signal
	Planter strip / Landscape median		Proposed traffic signal
	Sidewalk		Traffic arrow
	Emergency vehicle median break		Bus lane symbol



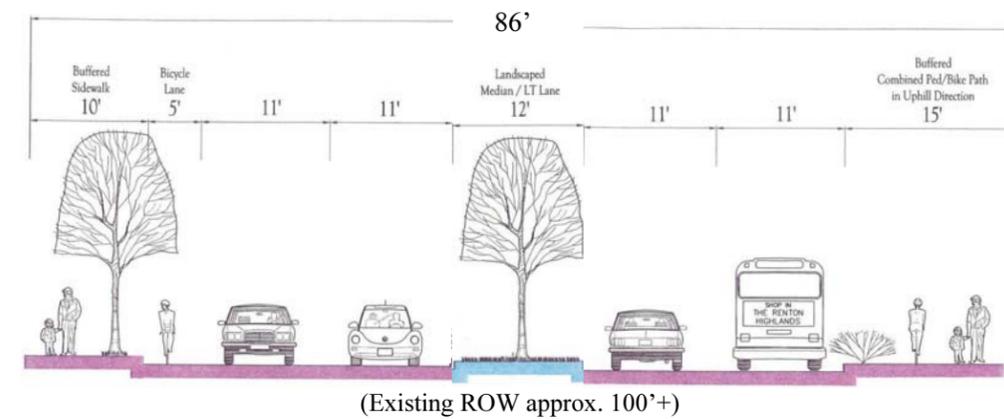
PROJECT SEGMENT

PROJECT ELEMENTS

NE 3rd St
Edmonds-Jefferson

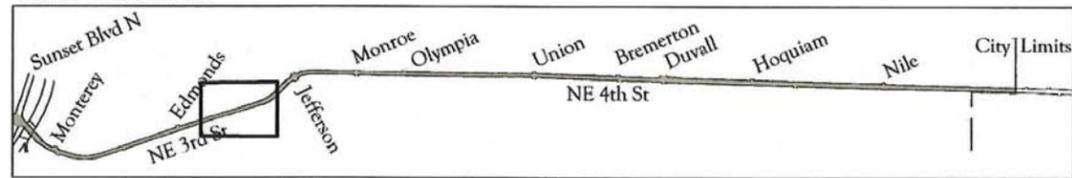
NE 3rd St roadway:

- 2- 11' lanes EB (uphill)
- 2- 11' lanes + 5' bike lane WB (downhill)
- 6' raised landscaped median
- 10' sidewalk north (downhill) side
- 15' sidewalk/bike lane south (uphill) side
- median break for WSDOT driveway on north side; EB left turn lane with outside c-curb
- median break for Self Storage driveway on south side; WB left turn lane with outside c-curb
- median break for adjacent Chantelle and Arco driveways on north side; contiguous EB left turn lane with outside c-curb



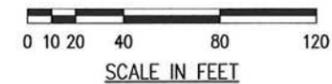


Sheet Location



Symbol Key

	Street tree		Existing traffic signal
	Planter strip / Landscape median		Proposed traffic signal
	Sidewalk		Traffic arrow
	Emergency vehicle median break		Bus lane symbol



PROJECT SEGMENT

PROJECT ELEMENTS

NE 3rd-4th/Jefferson
Intersection

Intersection:

- reconfigure lanes and crosswalks
- outside c-curb on left turn lanes
- add WB exclusive right-turn lane

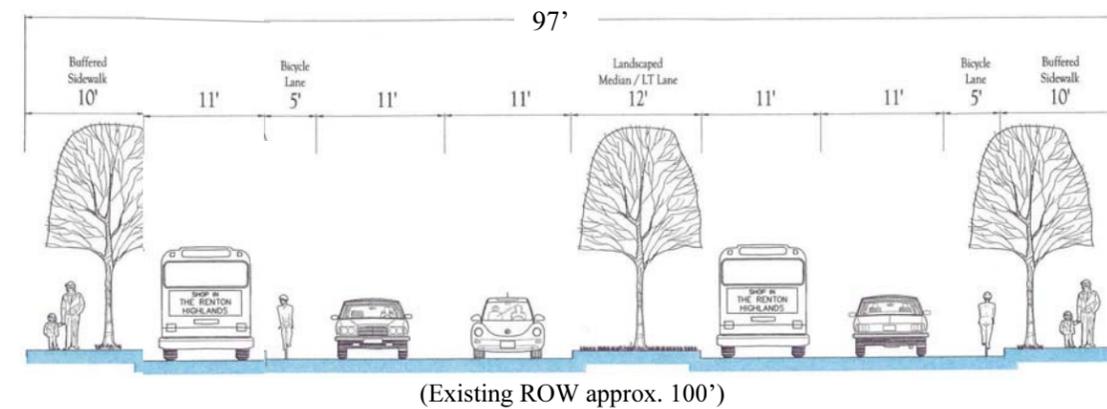
NE 4th St
Jefferson-Monroe

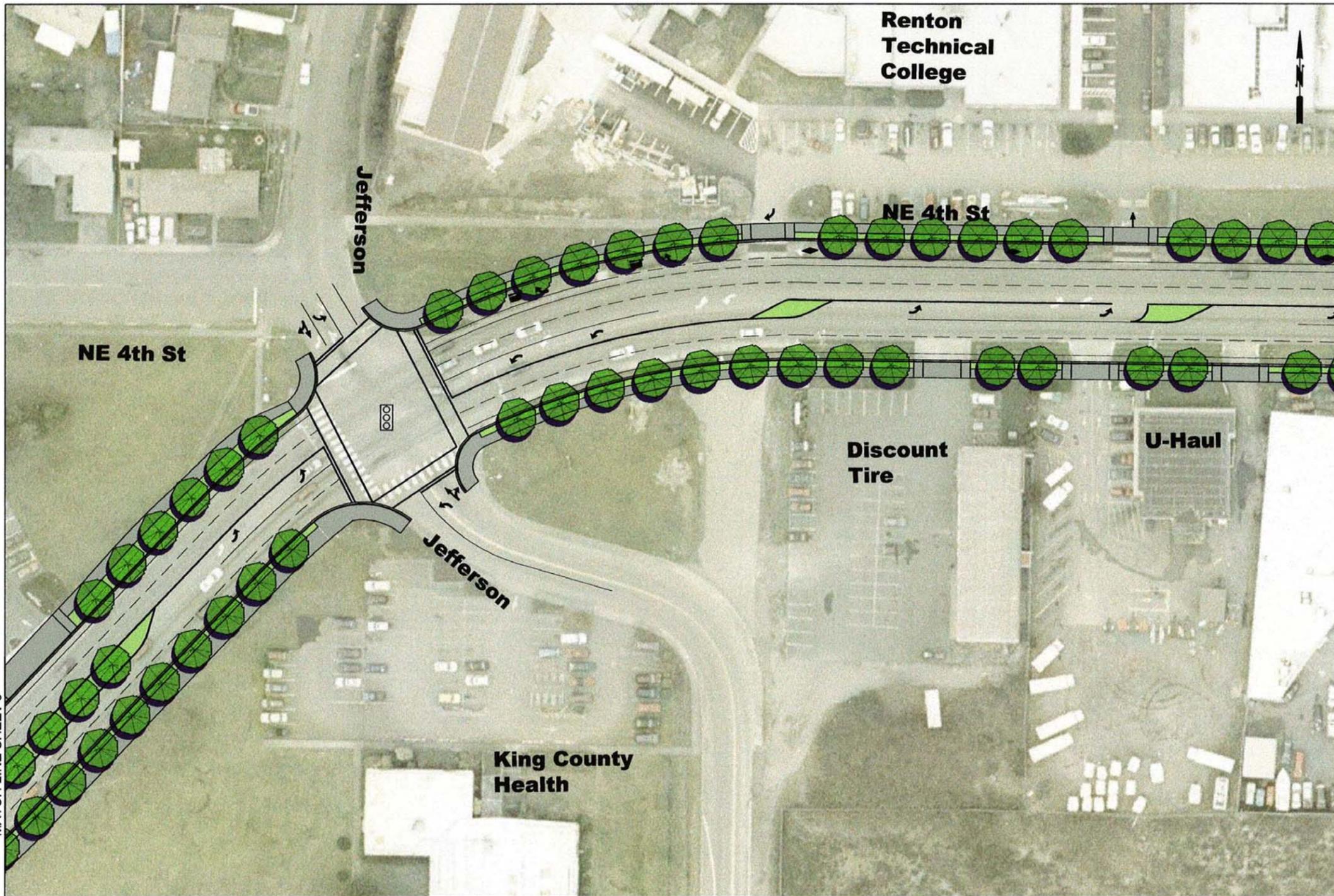
NE 4th St roadway:

- 2-11' lanes + 5' bike lane both directions
- outside transit-only lane WB (becomes exclusive right-turn lane at Jefferson)
- 12' raised landscaped median islands
- 10' sidewalk both directions
- reopen Renton Technical College westerly N 4th St driveway for WB egress-only
- reopen Renton Technical College easterly 4th St driveway for EB ingress-only
- median break for reopened RTC ingress driveway on north side; EB left turn lane with outside c-curb

new public access connection:

- east from Jefferson south of 4th

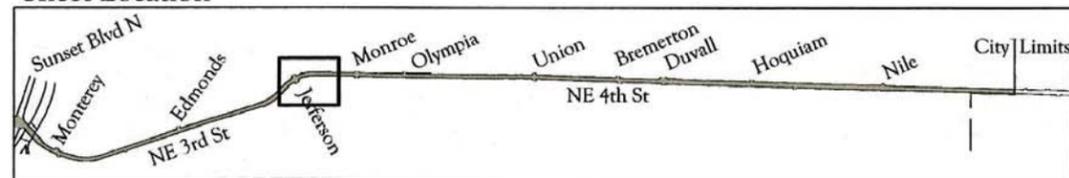




MATCH LINE SHEET 3

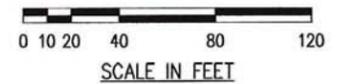
MATCH LINE SHEET 5

Sheet Location



Symbol Key

	Street tree		Existing traffic signal
	Planter strip / Landscape median		Proposed traffic signal
	Sidewalk		Traffic arrow
	Emergency vehicle median break		Bus lane symbol



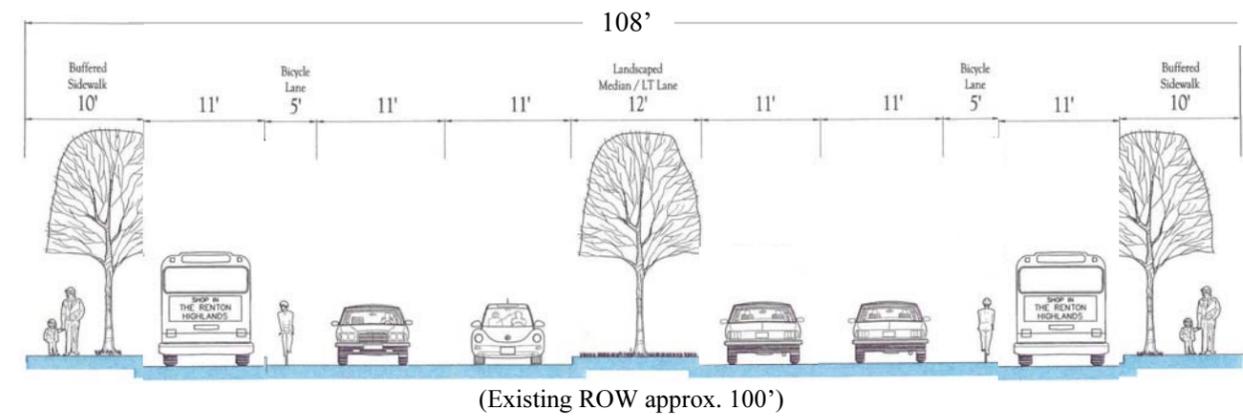
PROJECT SEGMENT

PROJECT ELEMENTS

NE 4th St
Jefferson–Monroe

NE 4th St roadway:

- 2-11' lanes + 5' bike lane both directions
- outside transit-only lane WB (becomes exclusive right-turn lane at Jefferson)
- 12' raised landscaped median islands
- 10' sidewalk both directions
- EB left turn lane with outside c-curb



NE 4th/Monroe
Intersection

Intersection:

- reconfigure lanes and crosswalks
- outside c-curb on left turn lanes
- add EB “right-turn-only-except transit” lane for nearside bus stop and general traffic right turns
- add priority signalization for EB buses

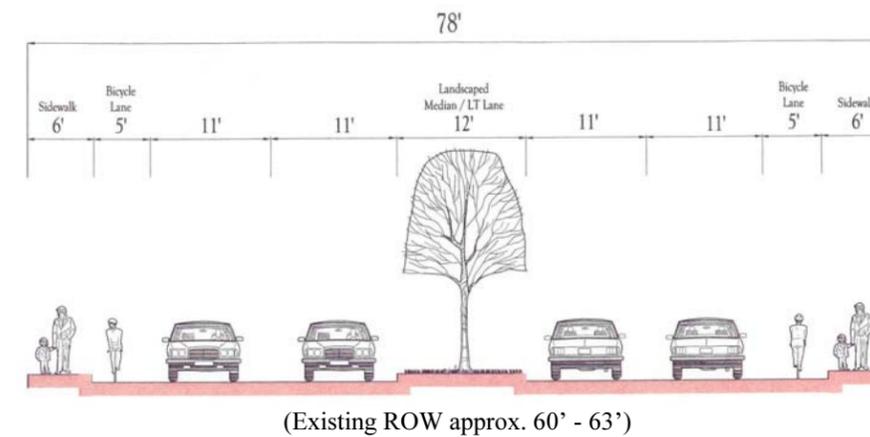
NE 4th St
Monroe–Queen

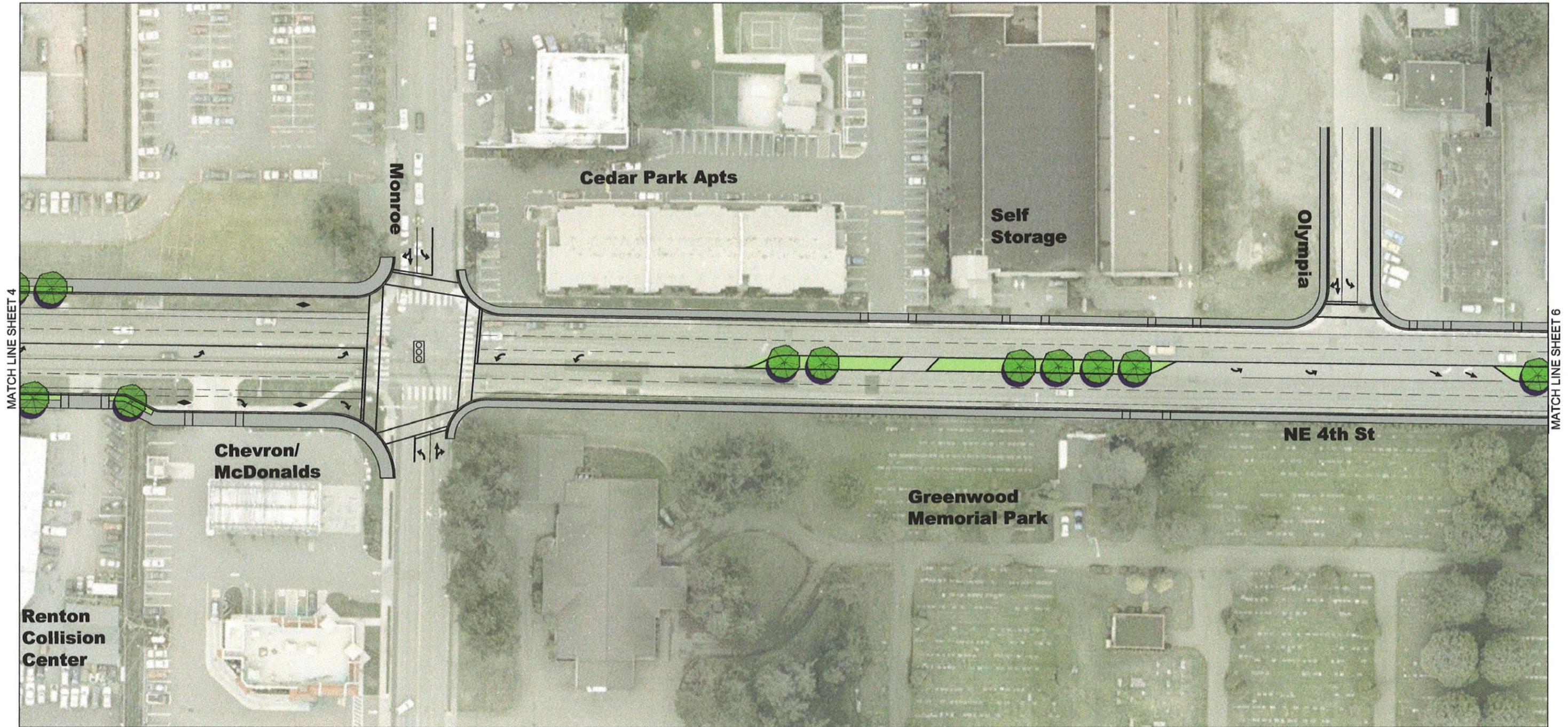
NE 4th St roadway:

- 2-11' lanes + 5' bike lane both directions
- 6' sidewalks both directions
- 12' raised landscaped median
- emergency crossover median break for WB east (upstream) of Monroe

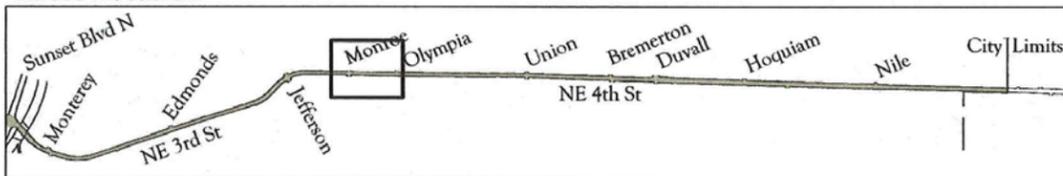
Olympia intersection:

- median break
- EB left turn lane and acceleration lane with outside c-curb



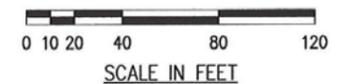


Sheet Location



Symbol Key

	Street tree		Existing traffic signal
	Planter strip / Landscape median		Proposed traffic signal
	Sidewalk		Traffic arrow
	Emergency vehicle median break		Bus lane symbol



PROJECT SEGMENT

PROJECT ELEMENTS

NE 4th St
Monroe–Queen

NE 4th St roadway:

- 2-11' lanes + 5' bike lane both directions
- 6' sidewalks both directions
- 12' raised landscaped median
- emergency crossover median break for EB west (upstream) of Queen

NE 4th/Queen
Intersection

Intersection:

- signalization
- median break
- left turn lanes with outside c-curb
- marked crosswalks
- far-side (downstream) bus pull-out both directions

new public street connection:

- extend Queen north from 4th to connect to existing segment south of 6th

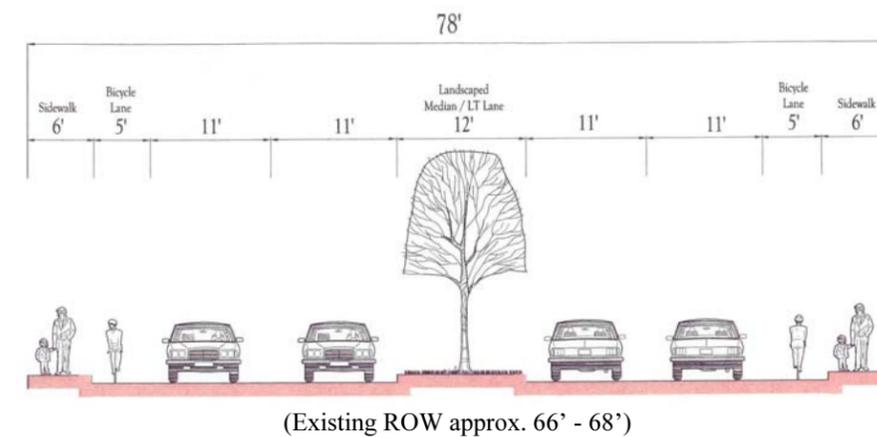
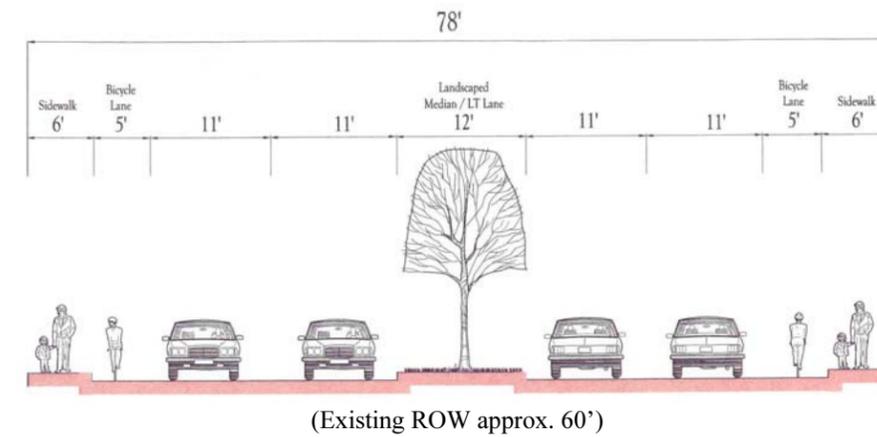
new public street connection:

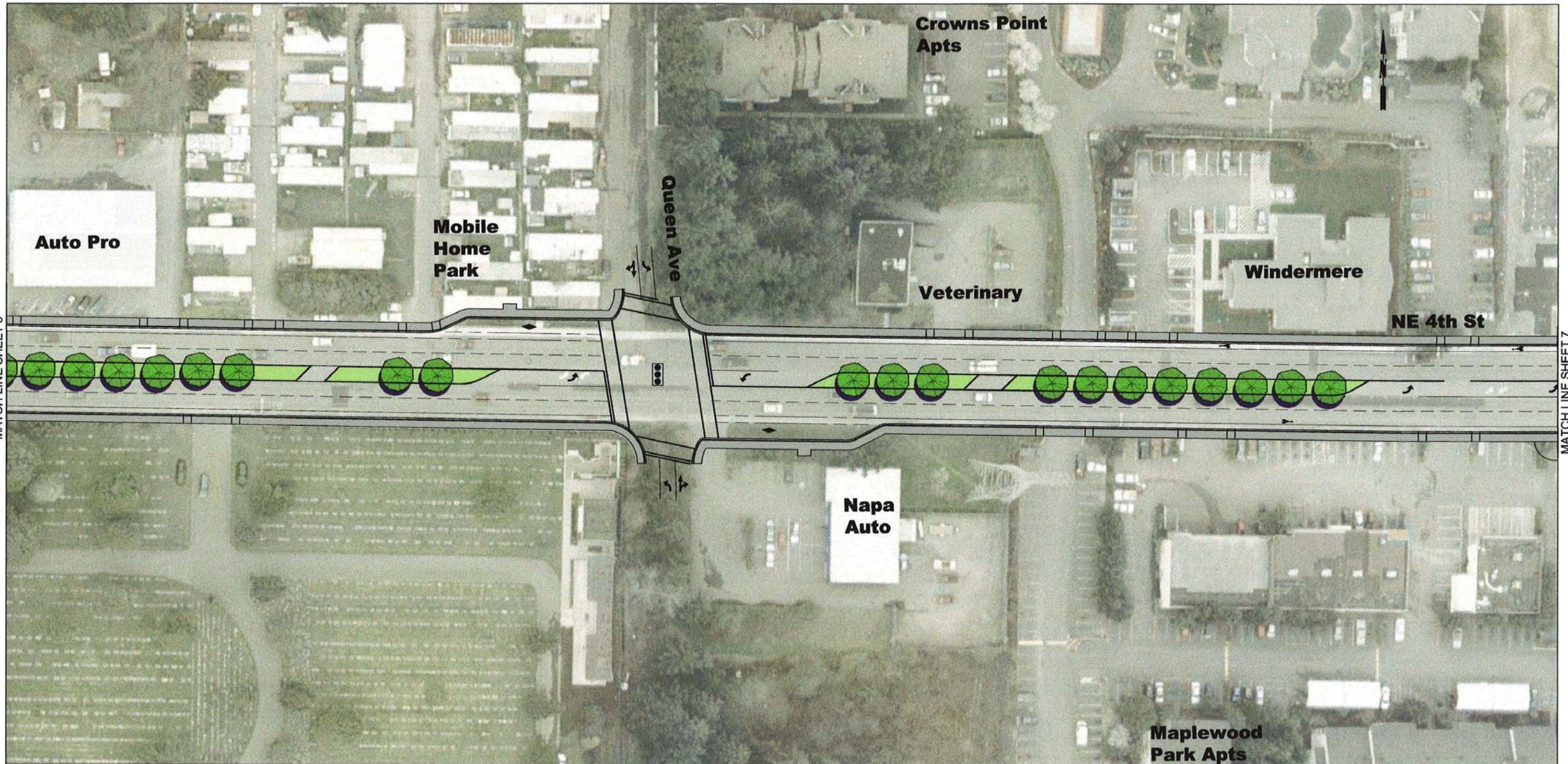
- extend Queen south from 4th to connect to Maplewood Park Apts

NE 4th St
Queen–Union

NE 4th St roadway:

- 2-11' lanes + 5' bike lane both directions
- 6' sidewalks both directions
- 12' raised landscaped median
- emergency crossover median break for WB east (upstream) of Queen
- median break for adjacent Crowns Point Apt and 4th Street Plaza private driveways on north side; contiguous EB left turn lane with outside c-curb

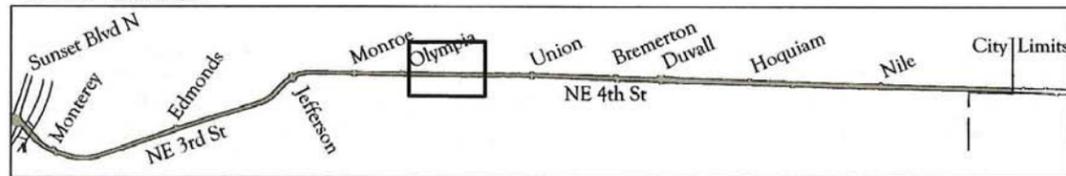




MATCH LINE SHEET 5

MATCH LINE SHEET 7

Sheet Location



Symbol Key

	Street tree		Existing traffic signal
	Planter strip / Landscape median		Proposed traffic signal
	Sidewalk		Traffic arrow
	Emergency vehicle median break		Bus lane symbol

